

What Is Claimed Is:

1 1. A virtual email server system to allow at least one PDA
2 to receive email from an incoming message server, comprising:

3 a database;

4 a pre-process agent for receive a signal to query identity
5 information for the last message in the database and output the
6 identity information, receiving an internally formatted message
7 and storing the internally formatted message to the database,
8 and fetching the internally formatted message from the database
9 and sending the internally formatted message to the PDA through
10 a network when receiving a message receiving signal from the PDA;

11 a mail agent for outputting the query signal, receiving the
12 identity information and checking the incoming message server
13 according to the identity information, and receiving a new
14 message received after the last message from the incoming
15 message server and forwarding the new message; and

16 a content converter agent for receiving the new message
17 forwarded from the mail agent, transforming the new message into
18 the internally formatted message, and outputting the internally
19 formatted message.

1 2. The system as claimed in claim 1 further comprising a
2 schedule agent for setting a schedule and outputting a startup
3 signal when the schedule is implemented.

1 3. The system as claimed in claim 2 wherein the mail agent
2 further receives the startup signal and outputs the query signal
3 based thereon.

1 4. The system as claimed in claim 2 wherein the schedule
2 can be set by a computer coupled with the schedule agent through
3 the Internet.

1 5. The system as claimed in claim 2 wherein the schedule
2 can be set by the PDA coupled with the schedule agent through
3 a wireless network.

1 6. The system as claimed in claim 1 wherein the mail agent
2 outputs the query signal after a predetermined time interval.

1 7. The system as claimed in claim 6 wherein the
2 predetermined time interval can be set by a computer through the
3 Internet.

1 8. The system as claimed in claim 6 wherein the
2 predetermined time interval can be set by the PDA through a
3 wireless network.

1 9. The system as claimed in claim 1, wherein the internally
2 formatted message has a format recognized by the PDA.

1 10. The system as claimed in claim 1 further comprising
2 an outgoing message server coupled with the mail agent.

1 11. The system as claimed in claim 10 wherein the PDA sends
2 a new edited message to the mail agent through a wireless network
3 and then the mail agent sends the new edited message to the
4 outgoing message server.

1 12. An email server system, comprising:
2 an outgoing message server;
3 an incoming message server; and
4 a virtual server, comprising:
5 a database;
6 a pre-process agent to receive a signal querying identity
7 information for the last message in the database and output the
8 identity information, receive an internally formatted message
9 and store the internally formatted message to the database,
10 fetch the internally formatted message from the database and
11 output the internally formatted message when receiving a message
12 receiving signal;
13 a mail agent for outputting the query signal after a
14 predetermined time interval, receiving the identity information
15 and checking and receiving at least one new message in the
16 incoming message server according to the identity information,
17 forwarding the new message, and receiving a new edited message
18 and sending the new edited message to the outgoing message
19 server;
20 a content converter agent for receiving the new message
21 forwarded from the mail agent, transforming the new message into
22 the internally formatted message, and outputting the internally
23 formatted message; and
24 a PDA coupled to the virtual server through a wireless
25 network to output the message receiving signal, receive the
26 internally formatted message, and send the new edited message.

1 13. The system as claimed in claim 12 wherein the virtual
2 server further comprises a schedule agent for setting a

3 schedule, and outputting a startup signal when the schedule is
4 implemented.

1 14. The system as claimed in claim 13 wherein the mail agent
2 further receives the startup signal and outputs the query signal
3 based thereon.

1 15. The system as claimed in claim 13 wherein the schedule
2 can be set by a computer coupled with the schedule agent through
3 the Internet.

1 16. The system as claimed in claim 13 wherein the schedule
2 can be set by the PDA coupled with the schedule agent through
3 a wireless network.

1 17. The system as claimed in claim 12 wherein the
2 predetermined time interval can be set by a computer through the
3 Internet.

1 18. The system as claimed in claim 12 wherein the
2 predetermined time interval can be set by the PDA through a
3 wireless network.

1 19. The system as claimed in claim 12 wherein the
2 internally formatted message has a format recognized by the PDA.